

AMENDMENTS TO THE CLAIMS

Kindly amend as follows:

Listing of Claims

1. (Previously presented) A system having one or more computing devices, comprising:

an information tracking component configured to store, for each of a plurality of items, information describing the item;

a supply component configured to receive data describing the plurality of items and store the data as the information in the information tracking component;

a publishing component configured to select, based on pre-established selection criteria, for each of a plurality of subscribers, a set of information from the information tracking component, and to communicate the selected set of information to local storage maintained by the subscriber, wherein the publishing component is configured to perform the communication by transferring the information to subscribers in advance of receiving requests from the subscribers to modify the information; and

a subscriber request component configured to receive requests from the plurality of subscribers and modify the information stored in the information tracking component in accordance with the requests,

wherein the publishing component is further configured to identify one or more of the plurality of subscribers affected by the modification to the information stored in the information tracking component, and to communicate, to the one or

1 more of the plurality of subscribers affected by the modification, the information
2 as modified.

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4 2. (Previously presented) A system as recited in claim 1, wherein the
5 information tracking component is configured to store information regarding a
6 plurality of assets.

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8 3. (Previously presented) A system as recited in claim 1, wherein the
9 information tracking component is configured to store information regarding a
10 plurality of services.

11
12 4. (Previously presented) A system as recited in claim 1, wherein the
13 information tracking component includes an information tracking database and a
14 publishing database, wherein the information tracking database is configured to
15 store data describing the plurality of items, and wherein the publishing database
16 stores data identifying which of the plurality of subscribers each of the plurality of
17 items has been published to.

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19 5. (Previously presented) A system as recited in claim 1, wherein the
20 publishing component is further configured to perform the selection for each
21 subscriber based at least in part on criteria supplied by the subscriber, which
22 defines the pre-established selection criteria.

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24 6. (Previously presented) A system as recited in claim 1, wherein the
25 publishing component is further configured to perform the selection for each

1 subscriber based at least in part on the information in the information tracking
2 component describing each of the plurality of items.

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4 7. (Canceled).

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6 8. (Previously presented) A system as recited in claim 1, wherein the one or
7 more of the plurality of subscribers affected by the modification to the information
8 stored in the information tracking component comprise the ones of the plurality of
9 subscribers to which the information was previously communicated.

10
11 9. (Currently amended) ~~A system as recited in claim 1~~ A system having one
12 or more computing devices, comprising:

13 an information tracking component configured to store, for each of a
14 plurality of items, wherein each item is an asset available for purchase,
15 information describing the item;

16 a supply component configured to receive data describing the plurality of
17 items and store the data as the information in the information tracking component;

18 a publishing component configured to select, based on pre-established
19 selection criteria, for each of a plurality of subscribers, a set of information from
20 the information tracking component, and to communicate the selected set of
21 information to local storage maintained by the subscriber, wherein the publishing
22 component is configured to perform the communication by transferring the
23 information to subscribers in advance of receiving requests from the subscribers to
24 modify the information; and
25

1 a subscriber request component configured to receive requests from the
2 plurality of subscribers and modify the information stored in the information
3 tracking component in accordance with the requests, wherein the subscriber
4 request component is configured to receive a request to reserve a particular asset,
5 wherein the publishing component is further configured to identify one or
6 more of the plurality of subscribers affected by the modification to the information
7 stored in the information tracking component, and to communicate, to the one or
8 more of the plurality of subscribers affected by the modification, the information
9 as modified, and ~~wherein the publishing component is further configured to~~
10 communicate to selected ones of the plurality of subscribers a notification that the
11 asset is reserved and not available for sale.

12
13 10. (Original) A system as recited in claim 9, wherein the selected ones of
14 the plurality of subscribers comprise only subscribers that received, as part of the
15 set of information, information describing the particular asset.

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17 11. (Cancelled).

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19 12. (Original) A system as recited in claim 1, wherein the publishing
20 component is further configured to communicate to one of the subscribers to
21 delete information previously communicated to the one subscriber.

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23 13. (Original) A system as recited in claim 1, wherein the publishing
24 component is further configured to automatically communicate, to one of the
25 subscribers, information in addition to the set of information previously

1 communicated to the one subscriber.

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3 14. (Original) A system as recited in claim 1, wherein the publishing
4 component is further configured to communicate, to the plurality of subscribers,
5 modifications to the set of information communicated to each subscriber.

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7 15. (Previously presented) A system as recited in claim 14, wherein the
8 modifications include additional information describing additional items.

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10 16. (Previously presented) A system as recited in claim 14, wherein the
11 modifications include deletions of information from the set of information.

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13 17. (Previously presented) A system as recited in claim 14, wherein the
14 modifications include updates to the information in the set of information.

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16 18. (Original) A system as recited in claim 1, wherein each item has an
17 associated time indicating when it is available, and wherein the publishing
18 component is further configured to communicate, as part of the set of information,
19 only information corresponding to items for which the associated times indicate
20 are currently available.

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22 19. (Original) A system as recited in claim 1, wherein the subscriber
23 request component is further configured to modify the information stored in the
24 information tracking component in response to a request from a particular
25 subscriber only if an appropriate fee is paid by the particular subscriber.

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2 20-37. (Canceled).

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4 38. (Previously presented) A system as recited in claim 1, wherein the
5 supply component is configured to receive the data describing the one or more
6 items in a plurality of different formats, and to convert the data into the format
7 used by the information tracking component.

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9 39. (Previously presented) A system as recited in claim 1, wherein the
10 subscriber request component is configured to receive requests from the plurality
11 of subscribers in a plurality of different formats, and to convert the requests into a
12 defined format.

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14 40. (Currently amended) ~~A system as recited in claim 1,~~ A system having
15 one or more computing devices, comprising:
16 an information tracking component configured to store, for each of a
17 plurality of items, information describing the item;
18 a supply component configured to receive data describing the plurality of
19 items and store the data as the information in the information tracking component
20 and wherein the supply component is configured to receive information having a
21 data portion and an operation portion, wherein the data portion includes data
22 received from a source, and the operation portion identifies an operation to be
23 performed by the supply component;
24 a publishing component configured to select, based on pre-established
25 selection criteria, for each of a plurality of subscribers, a set of information from

1 the information tracking component, and to communicate the selected set of
2 information to local storage maintained by the subscriber, wherein the publishing
3 component is configured to perform the communication by transferring the
4 information to subscribers in advance of receiving requests from the subscribers to
5 modify the information; and

6 a subscriber request component configured to receive requests from the
7 plurality of subscribers and modify the information stored in the information
8 tracking component in accordance with the requests,

9 wherein the publishing component is further configured to identify one or more of
10 the plurality of subscribers affected by the modification to the information stored
11 in the information tracking component, and to communicate, to the one or more of
12 the plurality of subscribers affected by the modification, the information as
13 modified.

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15 41. (Previously presented) A system as recited in claim 40, wherein the
16 operation includes at least one of: an insert operation which provides an
17 instruction to add an item to the information tracking component; an update
18 operation which provides an instruction to update an item in the information
19 tracking component; or a delete operation which provides an instruction to delete
20 an item in the information tracking component.

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22 42. (Previously presented) A system as recited in claim 4, wherein the
23 publishing database is configured to identify the plurality of subscribers that each
24 of the plurality of items has been published to based on the data in the publishing
25 database.

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2 43. (Previously presented) A system as recited in claim 4, wherein the
3 publishing database includes a status field used to identify the current respective
4 status of the plurality of items.

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6 44. (Previously presented) A system as recited in claim 43, wherein the
7 status field identifies the status of the plurality of items with respect to each of the
8 subscribers that subscribe to the items.

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10 45. (Previously presented) A system as recited in claim 43, wherein the
11 status has at least one of the states of:

12 an active status indicating that an item is available for purchase;
13 an inactive status indicating that the item is no longer available for
14 purchase;
15 a deferred status indicating that the item will become available in the
16 future;
17 a sale pending status indicating that there is a sale pending for the item;
18 a sold status indicating that the item has been sold; or
19 a reserved status indicating that the item has been reserved for potential
20 sale.

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22 46. (Previously presented) A system as recited in claim 5, wherein the
23 information tracking component is configured to identify each item using a
24 plurality of fields, and wherein the criteria supplied by the subscriber is defined
25 with reference to the fields.

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2 47-48. (Canceled).

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4 49. (Previously presented) A system including a processing unit and
5 memory for implementing logic, comprising:
6 information tracking logic for storing, for each of a plurality of items,
7 information describing the item;
8 supply logic for receiving data describing the plurality of items and storing
9 the data as the information in the information tracking logic;
10 publishing logic for selecting, based on pre-established selection criteria,
11 for each of a plurality of subscribers, a set of information from the information
12 tracking logic, and for communicating the selected set of information to local
13 storage maintained by the subscriber, wherein the publishing logic performs the
14 communication by transferring the information to subscribers in advance of
15 receiving requests from the subscribers to modify the information; and
16 subscriber request logic for receiving requests from the plurality of
17 subscribers and for modifying the information stored in the information tracking
18 logic in accordance with the requests,
19 wherein the publishing logic further identifies one or more of the plurality
20 of subscribers affected by the modification to the information stored in the
21 information tracking logic, and communicates, to the one or more of the plurality
22 of subscribers affected by the modification, the information as modified.
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24 50. (New) An electrical system for processing data, comprising:
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1 information tracking means for storing, for each of a plurality of items,
2 information describing the item;

3 supply means for receiving data describing the plurality of items and
4 storing the data as the information in the information tracking means;

5 publishing means for selecting, based on pre-established selection criteria,
6 for each of a plurality of subscribers, a set of information from the information
7 tracking means, and for communicating the selected set of information to local
8 storage maintained by the subscriber, wherein the publishing logic performs the
9 communication by transferring the information to subscribers in advance of
10 receiving requests from the subscribers to modify the information; and

11 subscriber request means for receiving requests from the plurality of
12 subscribers and for modifying the information stored in the information tracking
13 means in accordance with the requests,

14 wherein the publishing means further identifies one or more of the plurality
15 of subscribers affected by the modification to the information stored in the
16 information tracking means, and communicates, to the one or more of the plurality
17 of subscribers affected by the modification, the information as modified.
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